Agriculture Department

Passed
Jn

Letter No. 84688 B II /55-4
6-12-1955

(10)

Areca palms – certain diseases urgent scheme for the investigation of – requested

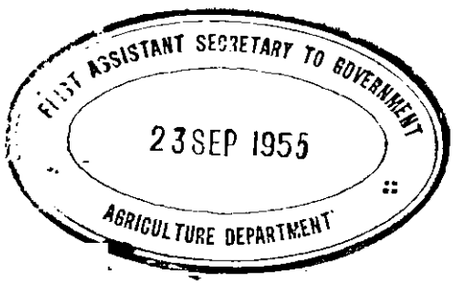
From

A.G.Thirumaleshwar Bhat,
Vice President,
Vittal Panchayat,
V-i t t a l, P.O., S.Kanara.

To

The Secretary,
Agricultural Department,
Government of Madras,
M a d r a s.

81684



Sir,

Sub:- Areca palms- certain diseases- urgent Scheme for the investigation of- requested.

In a reference to the Secretary, Indian Central Arecanut Committee, Kozhikode, I had given a detailed report on some of the diseases which are seen in these parts affecting the areca palms. These diseases are prevalent especially in Puttur and Kasaragod Taluks of this District.

2. A copy of my report referred to above is enclosed.

3. The Secretary of the I.C.A.Committee in his letter No.F.24/49 dated 9.9.1955 states that Schemes for the investigation of: 1.Stem-breaking; 2. Wilt; 3. 'Band' or Mundu Roga- have already been taken up in certain States; but he states that problems mentioned under Items II and III in my report require intensive studies by experts and he also states that any proposed Scheme for the investigation of these problems has to be forwarded to the Committee through the concerned State Govts, for consideration.

4. Therefore, I request that the Madras State Government may be pleased to cause the investigation of the problems detailed in items II and III in the enclosure, through Arecanut Research Stations.

5. In this connection, I may add that an Arecanut Research Station for investigating 'Stem-breaking' was established in Vittal in 1952 and it is going to be closed on 10-10-1955. This is a Central place where the areca growth is abundant and the surrounding villages are also producing mostly areca. The present Station has well equipped Staff and equipment to resort to any kind of investigation of problems of areca diseases. It will be more advantageous if the present Station is made to continue in order to take up the investigation of the problems set out in items II and III in the enclosure to this letter. These kinds of diseases are prevalent in all the areca gardens in this part. If no investigation is conducted to find a remedy for this early, the areca producers of this District and especially of Puttur and Kasaragod Taluks will be hard hit and put to a great loss. Therefore, I request that the State Government may please arrange to take up necessary measures for the investigation of the said diseases.

Awaiting early action in the matter,

Yours faithfully,

A.G.Bhat
20/9/55

Vittal,
20th Septr. 1955.

Copy to-

1. Sri K.V.Gowda, M.L.A., (Puttur)
2. Sri M.S.Mogral, M.L.A., (Kasaragod)

Yield of areca gets reduced due to the following causes:-

I. By mortality of areca palms due to the following causes:-

1. Stem-breaking:- In all parts of South Kanara. Trees with deep cavities break off during heavy windy days.

2. Wilt:- Recently death of palms are seen to occur due to wilt. The initial symptoms are yellowing of leaves and finally wilting.

3. 'Band' or Mundu Roga:- The leaves and crown get reduced in size and yield also goes down. Within two or 4 years, the crown becomes so small and finally it gives way during heavy winds or finally wilts. Palms of all ages are affected. In almost all parts of South Kanara, the disease is seen.

II. By nut fall due to various causes:-

1. Button shedding:- Young buttons shed.

2. Tendernut fall:- Young immature nuts are seen falling of their accord in large numbers, the causes of which are not known. This has become serious danger to the areca growers especially since last 2 or 3 years.

3. Nutfall due to Koleroga:-

This is a time old pheonomenon and of course controlled only by spraying Borodeaux mixture.

4. Nutfall due to 'Anduodaku':-

In this case, the nuts are seen dropping with their tips (below or top) cracking or splitting.

The yield also gets reduced indirectly by the reduction of vigour of areca plants by the attack of the palms by certain insects pests.

a) Recently in Puttur and Kasaragod Taluks the sogais (leaves) of areca palms have been found drying up due to the attack of some red mites. They are found on the lower surface of the leaves.

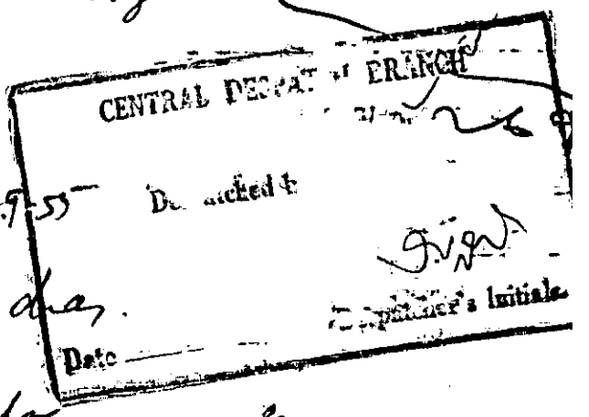
b) There are several other insects also which are found damaging the stems, inflorescences etc. of the palms.

The above pests and diseases of areca are seen in almost all the parts of South Kanara.

Agri (B.II) Dept.

Endt. No. 84688 BII/55-1 Dt 26.9.55

Referred to the D.A for
urgent & remarks



26.9.55

To the D.A. Madras.
(w.c)

Reminder I

Immediate.

P.4.C.

Memo 84688 BII/55-2 Dt 7x55

Sub: Pests and Diseases —
Areca palms - S. Kanara
- Dt - preventive measures

Ref. Govt. Endt. No. 84688
BII/55-1 Dt 26.9.55

The D-A. is requested to state when the remarks called for in the Endt. cited may be expected.

5x55
7.10.55

7/10

Cl.....

Despatched by K.
Mess.

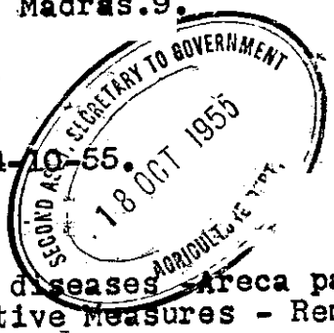
Date 10/10/55. Despatcher's Initials.

The D A. Mangalore
(AR 12-10-55)

Agricultural Department.

From
Sri T.K. Sankaravadivelu Pillai, I.A.S.,
Secretary to Government,
Agriculture Department, and
Director of Agriculture (in charge),
Chepauk, Madras.

To
The Secretary to Government,
Agriculture Department,
Madras.9.



No.D.2.1899/55 dated 14-10-55.

Sir,

Sub:-Agriculture - Pests and diseases - Areca palms - South Kanara Distict - Preventive Measures - Remarks - offerred.

Ref:-Government Memo.No.84688-B.II/55-2 dt. 7-10-55.

PWS-6 ab 92845

The Arecanut Research Station at Vittal was started with the object of investigating the stem breaking disease of arecanut Since the causes of the disease have been investigated and the remedial measures are of long range nature, it was decided to close down the station from 10-10-55. Notice has been given to the lessor of the garden regarding this and he had agreed to take over the garden on 10-10-55. The report regarding the closure of the Arecanut Research Station is awaited from the Deputy Director of Agriculture, Coimbatore.

2. The diseases referred to in items II and III of the letter of Sri A.G. Thirumaleshwar Bhat were not envisaged in the scheme mentioned in para one above.

3. The diseases are common to all areca growing areas of the Indian Union. Now that the Central Arecanut Research Station has started functioning, it is hoped that the investigations of these diseases will be taken up by the Central Station as the problems are of general interest, not specific to Madras State alone. As such it is not necessary for the State Government to continue the present station to pursue research on these items. However, the Indian Central Arecanut Committee may be requested to take up these items of research.

4. In this connection I invite the attention of Government to the Indian Central Arecanut Committee's letter communicated with Government endt.60218-B.II/55-5 dated 16-9-55 in which the Indian Central Arecanut Committee has paid that it will run under its control a Regional Arecanut Research Station in this State. The items of research now suggested by Sri Thirumaleshwar Bhat may perhaps form a suitable subject of research at that station. The State Government do not propose to run a separate Arecanut Research Station during the Second Five Year Plan period.

Sd. K.C.Naik.
for Director of Agriculture.

/By order/

Gazetted Assistant. 17.10.55

RAS/17.10.

+/4

Copy of Director of Agriculture's letter No.D.2.1480/55 dated the 19th October, 1955 to the Secretary to Agriculture Department, Madras.

Sub: Agriculture - Indian Central Arecanut Committee Scheme for the investigation of stem breaking disease of areca palms - Arecanut Research Station, Vittal - closure of the Scheme.

Ref: G.O.MS.No.2141, Agriculture dated 2.9.1955.

With reference to para 6 of the G.O. cited, I submit that the scheme for the investigation of stem breaking disease of areca palms in the Arecanut Research Station, Vittal is deemed to have closed on 10.10.1955 A.N. i.e. the date of handing over of the lands to the lessor.

(True copy).

M. Jacob & Paul
Superintendent.

PKG.
28.10.

Draft I

Agri BII

Letter No. 84688 BII/55-3 dt 9/12/55

To

Sri A.G. Thirumaleshwar Bhat,
Vice President,
Vittal Panchayat,
Vittal P.O.
S. Kanara,

Sir,

Sub: Pests and Diseases - Areca palms - S. Kanara Dist. - Preventive measures Research on certain items of work - Recommendation -

Ref: your letter D/20.9.55

I am directed I.C.A.C has been requested by this Govt to take up the investigation of the various diseases in areca palms mentioned in your letter cited for your information.

Yours faithfully,

Pl view
24/9.12.55

CENTRAL DESPATCH BRANCH
Date
Sender's Initials.

P/CY

Copy of Draft I

2 drafts

Draft I Clr A III

13

AGRI.(BII) DEPT.

84688

Letter No.~~84868~~-BII/55-4 dated 9-12-55

P/ note 24.12.55

PP1-3 Cy

Author's Initials

PP1-3cy

To

The Secretary,
I.C.A.C., P.B.No.14,
Kozhikode. (U.O.)

Sir,

Sub: Pests and Diseases-Areca Palms - S.Kanara Dt. - Preventive measures - Research on certain items of work - Recommendations. regarding ---

I am directed to enclose a copy of letter from Sri A.G.Thirumaleshwar Bhat, Vice President, Vittal Panchayat, S.Kanara district wherein he has represented that the following factors reduce the yield of areca palms and that investigations may be taken up by the Govt on these diseases:-

(i) Mortality of areca palms due to stem breaking, wilt and 'Bana' or Mundu Roga;

(ii) ~~Net~~ Nut fall due to button shedding, tendernut fall, koleroga and 'Anduoda aku'; and

(iii) Reduction of the vigour of areca plants by attack of the palms by insects like red mites and other insects which damage stems, in florescences etc. of palms.

2. The D.A. has stated that the Arecanut Research Station at Vittal was started with the object of investigating the stem-breaking diseases of arecanut etc. mentioned in item (1) in para 1 above. Since the causes of the diseases have been investigated and the remedial measures are of a long range nature, the Govt. have ordered

~~Copy to the D.A., Madras.~~

Para 1 only 7 Cy

Which will be taken up by the Central Sugarcane Committee

X ompp1-2 (A)

para 2 p79

A III

Para 3 on p79

station

the closing down of this ~~State~~ from 10.10.1955. The lands taken on lease for this station were accordingly handed over to the owner on 10.10.1955. The diseases referred to in items (ii) and (iii) above were not, however, envisaged in the Scheme mentioned above. These diseases are common to all areca growing areas in this country. As the Central Arecanut Research Station has started functioning, it is hoped that the investigations of these diseases will be taken up by the Central Station, as the problem are of general interest to the country as a whole and not specifically to this State alone. The D.A. is, therefore, of the view that it is not necessary for this State Govt. to revive the station which has since been enclosed to pursue research on the items referred to above. This Govt. generally agree with the views of the D.A. above. I am therefore to request that the I.C.A.R. may be moved to take up investigations of the various diseases mentioned above. ~~He has therefore suggested that the Committee may be requested to take up these items of research. In the circumstances, it is~~

Y.F.

Copy to the D.A.

CENTRAL DE PATCH
Date
Watcher's Initials.

INDIAN CENTRAL ARECANUT COMMITTEE,

Telephone
Office : 177
Residence: 542

CONVENT ROAD.
Post Box No. 14. KOZHIKODE-I. (Calicut)
SOUTH INDIA

Telegram:
"ARECACOM"

No. F.66/52

Dated the 10th February 1956.

From

The Secretary.

To

The Secretary to the Government of Madras,
Food and Agriculture Department,
Fort St. George, Madras.

Subject:— Pests and Diseases - Areca palm - South Kanara District - Preventive measures - Research on certain items of work regarding

Ref: (A)

With reference to your kind letter No.84688/B.II/55-4 dated 9-12-1955 on the above, I am directed to state that the investigations on the disease etc. mentioned therein will be taken up at the Central Arecanut Research Station, Vittal when is starts functioning.

Yours faithfully,

U. Shama Rao

Officiating Secretary.

Agri (A III) Pl. issue

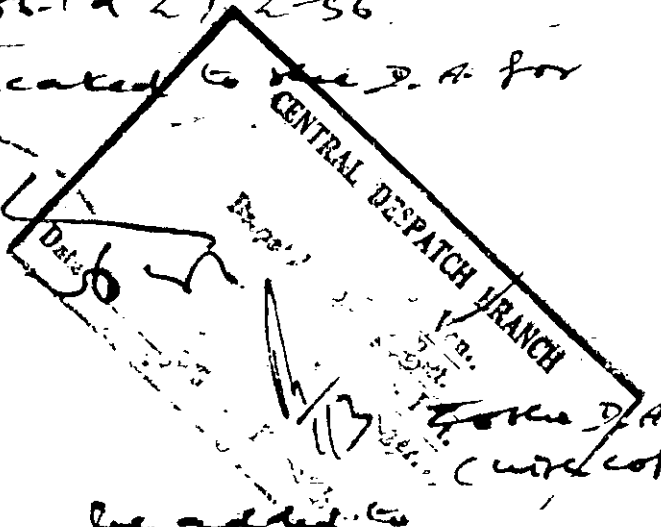
Endt No 13073 A III/56-1 d 27-2-56 27.2.56.

communicated to the D. A. for

information

T. V. 28/2.

28.2.56



Copies D.A. Madras (with copy of letter)

Notes. After issue may be added to papers as flag (A).

28.2.56

8/4/56

(C.No.84688 BII/55

AGRI.(BII) DEPT.

Sub: PESTS AND DISEASES - Areca Palms - South Kanara district - Preventive measures - request.

Ref: From Sri A.G.Thirumaleshwar Bhat, Vice President, Vittal Panchayat, Vittal, S.Kanara representation dated 20.9.1955.
Issued as Endt.No.84688/55-1 dated 26.9.55.
Issued as Memo.No.84688/55-2 dated 7.10.1955.
From the D.A.Lr.No.D.2.1899/55 dated 14.10.55.

In his report on some of the diseases affecting areca palms sent to the I.C.A.C., the Vice President, Vittal Panchayat has referred to the following factors which reduce the yield of areca palms,—

(i) Mortality of areca palms due to stem breaking wilt, ~~Rened~~ Band and or Mundu Roga;

(ii) Nut fall due to button shedding; tendernut fall, Koleroga and ~~Anduelak~~ 'Anduodaku'; and

(iii) Reduction of the vigour of areca plants by attack of the palms by insects like red mites and other insects which damage stems, inflorescenses etc. of palms.

The Committee is ~~requested~~ reported to have informed the petitioner that the Scheme for the investigation of stem breaking, wilt, Band or Mundu Roga have already been taken up in certain States and that the problems mentioned in items (ii) and (iii) above only require intensive study by experts and that any Scheme proposed for the investigation of these problems may be forwarded to the Committee through the State Govts. The Vice President has, therefore, requested that this Govt. may take up investigations of the diseases detailed in ~~respect of~~ items (ii) and (iii) above.

2. The D.A. was consulted. He has stated that the Arecanut Research Station at Vittal was started with the object of investigating the stem breaking diseases of arecanut etc. mentioned in item (i) in para 1 above. Since the causes of the diseases have been investigated and the remedial measures are of a long range nature, the Govt. have ordered the closing

down of this Station from 10.10.1955. The lands taken on lease for this station were accordingly handed over to the owner on 10.10.1955. The diseases referred to in items (ii) and (iii) in para 1 above were not however, envisaged in the Scheme mentioned above. These diseases are common to all areca growing areas in this country.

As the Central Arecanut Research Station has started functioning, it is hoped that the investigations of these diseases will be taken up by the Central Station, as the problems are of general interest to the country as a whole and not specifically to this State alone. The D.A. therefore considers that it is not necessary for this State Govt. to ~~remove~~ revive the station which has since been closed to pursue research on the items referred to above. He has therefore suggested that the Committee may be requested to take up these items of research . In the circumstances, it is for consideration whether the views of the D.A. above will be accepted and if so, the Committee will, no doubt, take necessary action on the investigations of the diseases mentioned in item (ii) and (iii) in para 1 above on the report already received by it direct. In view of this, no further action seems called for. For orders whether these papers may be lodged.)

I on pp 1-2 (A) P & C J para 2 on p 7 C J

para 3 on p 7 C J

1 A

A draft letter is submitted below for approval.

for approval of the draft explanatory letter below

A draft letter to Dr. A Mohammed Ali

Agri (D II)

Orders of D.S. on P 2 above.

Draft II below

A draft letter to Sri A.S. Thimmaleshwar Bhat, is submitted below for approval.

5/12 5-12-55

(Issued as Lr No. 84688 B II/55-4 dt 9.12.55)